Venkata Satya Sairam Mattupalli

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**PROFESSIONAL SUMMARY**

Ingenious and determined Software developer with 2.5+ years’ experience as a backend developer, majorly contributed to developing scalable backend applications using modern frameworks.

**EDUCATION**

**RISE PRAKASAM GROUP OF INSTITUTIONS (AUG 2014 – APR 2018)**

* Bachelor of Technology in Computer science and Engineering

**Technical Skills:**

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| --- | --- |
| Programming skills | Python, C |
| Web Development | HTML, CSS, JavaScript |
| Analytics | Pandas, Tabula, NumPy, Pytesseract |
| Database | MYSQL |
| Version Control | GIT |

**PROFESSIONAL EXPERIENCE**

**DXC.TECHNOLOGY (2018-OCT to Present)**

**Associate Professional (Python Developer)**

* Developed python script which used in place of manual validations**,** perform validation on various servers and create a report which mention pass/fail. For a day
* Developed a python script to generate a report with duplicate payments for a day, which check with last 6 months data
* Developed a python script that works as VLOOK UP for reports and generate the expected output to users.
* Developed a python script that reads xml documents using xml. etree
* Worked on code enhancements for existing applications
* Partnered with cross-functional teams to conduct thorough discovery and due diligence on existing processes
* Investigating incidents and work out short, mid &long-term solutions with relevant teams, and review them periodically

**PROJECTS**

**1. Extracting Image content using Optical character recognition (OCR) Technique Pytesseract:**

* This project is to read the data from an image and categorize the extracted data into a table format, we have used one of OCR Technique (Tesseract) with python, this increased the efficiency of the task and also saved so much time and money compared with using a third party tool to do the conversion.
* Technology used: python, tesseract, pandas

**miscellaneous**

* Digital Display Image Recognition - To detect Readings in Digital display images using Python Open CV and Tesseract
* Neevia: Third party service used to convert Pdf documents to Images.

**2.** **Server Log Analysis:**

* We developed this project to automate one of manual monitor task, for all their applications, we developed a script that will automatically login to network and monitor application and also monitor scheduled Tasks for that application and send a document with screenshots of all the success logs to application team as well as application manager, this task helped our clients to save more time compared to manually verifying them and also improved efficiency.
* Technology used: python.

Analytics: pandas, xlsxwriter, PIL

**Responsibilities:**

* Involved in communication with Team lead, Operations team, and third-party team in understanding the requirements and help in design and technical specifications and coordinating for integration of process
* Deployed the entire project including environment setup inside server

**3.** **Automating reports:**

* We developed this project to automate business reports, we used python to access network to pick data, perform calculations based on requirement, and compare with the Billing data to verify it. We also used HTML, CSS to create a report for this and used SMTP services to send communication to Clients, its improved efficiency and saved lot of time.
* Technology used: python, HTML, CSS

**Responsibilities:**

* Involved in gathering required inputs.
* Developed, tested, and Deployed the entire project including environment setup inside server

**Recognitions**

* Certification of Achieving outstanding performance for the responsibilities given.
* Awarded ‘Spot Award’ in March 2020